Form PTO-1390 ATTORNEY'S DOCKET NUMBER U.S. DEPARTMENT OF COMMERCE (Rev. 01-2003) PATENT AND TRADEMARK OFFICE IPE-050 TRANSMITTAL LETTER TO THE UNITED STATES 467523416 DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED August 5, 2002 PCT/JP2003/009532 July 28, 2003 TITLE OF INVENTION DATE February 3, 2005 POROUS FIBER

APPLICANT(S) FOR DO/EO/US
Takashi OCHI, Akira KISHIRO, Shuichi NONAKA, Takaaki MIHARA and Norio SUZUKI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [XX] This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- 4. [] The US has been elected by the expiration of 19 months from the priority date (Article 31).
- 5. [XX] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [XX] has been communicated by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. [XX] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). (173 pages and 34 sheets of drawings (Figs. 1-34).
 - a. [XX] is attached hereto.
 - b. [] has been previously submitted under 35 U.S.C. 154(d)(4).
- 7. [XX] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(C)(3))
 - a. [] are attached hereto (required only if not communicated by the International Bureau).
 - b. [] have been communicated by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [XX] have not been made and will not be made.
- 8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- 9. [] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
- 10. [] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

- 11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [XX] A FIRST preliminary amendment.
- 14. [] A SECOND or SUBSEQUENT preliminary amendment.
- 15. [] A substitute specification.
- 16. [] A change of power of attorney and/or address letter.
- 17. [] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 1.825.
- 18. [] A second copy of the published international application under 35 U.S.C. 154(d)(4).
- 19. [] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- 20. [XX] Other items or information:
 - a. PCT/ISA/210
- f. PCT/IB/308
- b. PCT/IB/301
- g. WO 2004/013388 A1
- c. PCT/1B/304
- d. PCT/IB/306 (05 January 2005)
- e. PCT/IB/306 (06 January 2005)

U.S. Application No. Not yet assigned		International Application No. PCT/JP2003/009532		Attorney's Docket No. IPE-050	
10/523416				CALCULATIONS	PTO USE ONLY
21.[XX] The following fees are submitted:					
Basic National Stage Fee \$300.00					
		\$400.00 (International Search Report prepared and provided to USPTO)			
National Stage Examination Fee \$		\$200.00			
TOTAL FEE FOR ENTERING U.S. NATIONAL STAGE =			\$ 900.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
National Stage Application Size Fee - If the specification and drawings exceed 100 sheets, the application size fee due is \$250.00 for each additional 50 sheets or fraction thereof.				\$ 750.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	51 - 20	31	x \$ 50.00	\$ 1,550.00	
Indep. claims	10 - 3	7	x \$ 200.00	\$ 1,400.00	
Multiple dependent claim(s) (if applicable) + \$ 360.00				\$ 360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 4,960.00	
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$.				\$ 0.00	
SUB TOTAL =				\$ 4,960.00	
Processing fee \$130.00 for furnishing the English translation later than [] 20 [] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 4,960.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 0.00					
TOTAL FEES ENCLOSED =				\$ 4,960.00	
			- 44-34-4	Amount to be refunded:	\$
				charged	\$
a. [XX] Payment in the amount of \$4,960.00 is authorized by credit card (PTO-2038).					
b. [] Check in the amount of $\$*.00$ to cover the above fees is enclosed.					
c. [] Please charge my Deposit Account No. 111833 in the amount of \$ to cover the above fees.					
d. [XX] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 111833.					

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to review (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to penaling status.

SEND ALL CORRESPONDENCE TO: KUBOVCIK & KUBOVCIK The Farragut Building

Suite 710

900 17th Street, N.W. Washington, D.C. 20006

Signature Romald J. Lubovcik Name 25,401

Registration Number February 3, 2005

Date

RJK/jbf